IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (canceled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 4 – 7 and 11 – 12 without prejudice or disclaimer and AMEND claim 13 in accordance with the following.

1. (ORIGINAL) A cathode active material comprising:

a lithium transition metal composite oxide in which a carbon compound is adsorbed to obtain a carbon content of 10-1,000 ppm.

2. (ORIGINAL) The cathode active material of claim 1, wherein the lithium transition metal composite oxide is at least one selected from the group consisting of $LiNiO_2$, $LiCoO_2$, $LiMn_2O_4$, $LiFePO_4$, $LiNi_xCo_{1-x}O_2$ where $0 < x < 1$, and $LiNi_{1-x-y}Co_xMn_yO_2$ where $0 < x < 1$, $0 < y < 1$, and $0 < x+y < 1$.

3. (ORIGINAL) The cathode active material of claim 1, wherein the carbon compound has a specific surface area of 10-5,000 m^2/g.

4 – 7. (CANCELED)

8. (ORIGINAL) A lithium battery comprising:

a cathode comprising:

a cathode active material that comprises a lithium transition metal composite oxide in which a carbon compound is adsorbed to obtain a carbon content of 10-1,000 ppm;

an anode comprising a carbonaceous material to facilitate intercalating and deintercalating lithium ions ;

a separator interposed between the cathode and the anode;

an electrolytic solution containing an electrolytic solute dissolved in a nonaqueous solvent; and

a current cut-off device that operates in response to a rise in an internal pressure of the

lithium battery.

9. (ORIGINAL) A lithium battery comprising:

a cathode comprising:

a cathode active material that comprises a lithium transition metal composite oxide in which a carbon compound is adsorbed to obtain a carbon content of 10-1,000 ppm and wherein the lithium transition metal composite oxide is at least one selected from the group consisting of $LiNiO_2$, $LiCoO_2$, $LiMn_2O_4$, $LiFePO_4$, $LiNi_xCo_{1-x}O_2$ where $0 < x < 1$, and $LiNi_{1-x-y}Co_xMn_yO_2$ where $0 < x < 1$, $0 < y < 1$, and $0 < x+y < 1$;

an anode comprising a carbonaceous material to facilitate intercalating and deintercalating lithium ions;

a separator interposed between the cathode and the anode;

an electrolytic solution containing an electrolytic solute dissolved in a nonaqueous solvent; and

a current cut-off device that operates in response to a rise in an internal pressure of the lithium battery.

10. (PREVIOUSLY PRESENTED) The lithium battery of claim 8, wherein the carbon compound has a specific surface area of 10-5,000 m^2/g.

11 – 12. (CANCELED)

13. (CURRENTLY AMENDED) The lithium battery of claim 8, wherein the separator is selected from the group consisting of a glass fiber, polyester, ~~polytetrafluoroethylene,~~ polyethylene, polypropylene, polytetrafluoroethylene, and a combination of thereof.

14. (ORIGINAL) The lithium battery of claim 9, wherein a polymer resin is utilized as a binding agent for the anode and the cathode, and wherein the polymer resin is a vinylidenefluoride-hexafluoropropylene copolymer having 8-25% by weight of hexafluoropropylene.